XP-002187982

AN - 1997-062307 [06] AP - JP19950138453 19950512 **CPY - NPEC** DC - A17 A23 F01 FS - CPI IC - D01F1/10 ; D01F8/04 ; D01F8/06 ; D01F8/14 MC - A04-G01E A05-E02 A08-M09C A09-A01A A12-C03 A12-S05K F01-E07 F03-C F04-C PA - (NPEC) NIPPON ESTER CO LTD PN - JP8311716 A 19961126 DW199706 D01F8/04 004pp PR - JP19950138453 19950512 XA - C1997-020585 XIC - D01F-001/10; D01F-008/04; D01F-008/06; D01F-008/14 AB - J08311716 The composite fibre comprises a blended product obtd by blending a thermoplastic polymer A having pt . or softening pt. > 80 deg. C with a paraffin as capable of using latent heat owing to phase-change e.g melting and coagulation at a blend ratio of 3/7-7/3 by wt., covered with a thermoplastic polymer B having pts. of > 200 dea. C. - USE - The fibre can be used for clothing. - ADVANTAGE - The composite fibre has heat-absorbing and generating properties by change of human body temp. and circumferential temp.. - (Dwg.0/0) IW - HEAT ABSORB HEAT GENERATE COMPOSITE FIBRE CLOTHING COMPRISE BLEND THERMOPLASTIC POLYMER PARAFFIN WAX COVER THERMOPLASTIC POLYMER IKW - HEAT ABSORB HEAT GENERATE COMPOSITE FIBRE CLOTHING COMPRISE BLEND THERMOPLASTIC POLYMER PARAFFIN WAX COVER THERMOPLASTIC POLYMER NC - 001 OPD - 1995-05-12 ORD - 1996-11-26 PAW - (NPEC) NIPPON ESTER CO LTD TI - Heat-absorbing and heat generating composite fibre for clothing comprises blend of thermoplastic polymer and paraffin wax covered with further thermoplastic polymer A01 - [001] 018; G0033-R G0022 D01 D02 D51 D53; H0000; H0011-R; P1150; - [002] 018; R00326 G0044 G0033 G0022 D01 D02 D12 D10 D51 D53 D58 D82; R00964 G0044 G0033 G0022 D01 D02 D12 D10 D51 D53 D58 D83; H0000; P1150 ; P1161 ; P1343 ; - [003] 018; G1365 G1343 G1310 G4024 D01 D60 F37 F35 E00 D11 D10 D50 D94; R07786 G1343 G1310 G4024 D01 D11 D10 D50 D60 D92 F37 F35 E00 E18; G4024-R D01 E18 E00 E28; G1069 G1025 G0997 D01 F28 F26 D11 D10 D50 D89; R00822 G1025 G0997 D01 D11 D10 D50 D82 F28 F26; R01422 G1047 G1025 G0997 D01 D11 D10 D50 D86 F28 F26; P1978-R P0839 D01 D50 D63 F41; H0022 H0011; H0033 H0011; - [004] 018; B9999 B5629 B5572; N9999 N6202 N6177; N9999 N6699 N6655; Q9999 Q7056-R; B9999 B5527 B5505; ND10; ND09; ND01; PTO/SB/08A Ref. No.: F5 ND04: Serial No.: 09/777,512 - [005] 018; G3474 D01 D02 D50 D11 D10 D94 D93; A999 A748; S9999

A02 - [001] 018; P0635-R F70 D01; H0317; S9999 S1138 S1116 S1105 S1070

Docket No.: OUTT-011/01US

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S1376; B9999 B5607 B5572;

- [002] 018; P0839-R F41 D01 D63; P0884 P1978 P0839 H0293 F41 D01 D11 D10 D19 D18 D31 D50 D63 D90 E21 E00; P0895 P1978 P0839 H0293 F41 D01 D11 D10 D19 D18 D31 D50 D63 D92 E21 E00; H0317; S9999 S1138 S1116 S1105 S1070;

- [003] 018; B9999 B5607 B5572; Q9999 Q7056-R; B9999 B5527 B5505; ND10; ND09; ND01; ND04;